

(FILE 'HOME' ENTERED AT 16:11:38 ON 05 NOV 1999)

FILE 'MEDLINE, BIOSIS, CAPLUS' ENTERED AT 16:13:34 ON 05 NOV 1999

L1	16 S MP52
L2	1 S L1 AND CERAMIC
L3	1 S L1 AND (MATRIX OR MATRICE)
L4	144 S TRICALCIUM PHOSPHATE CERAMICS
L5	120 DUPLICATE REMOVE L4 (24 DUPLICATES REMOVED)
L6	75 S L5 AND (IMPLANT? OR TRANSPLANT?)
L7	55 S L6 AND (BONE OR CARTILAGE)
L8	1 S L7 AND (GROWTH FACTOR)
L9	48 S KWIC
L10	8 S PAULISTA, MICHAEL/AU
L11	0 S L10 AND TRICALCIUM PHOSPHATE
L12	34 S POHL, JENS/AU
L13	0 S L12 AND (TRICALCIUM PHOSPHATE CERAMIC)
L14	5 S L12 AND (CARTILAGE OR BONE)
L15	10 S PABST, JOACHIM/AU
L16	0 S L15 AND (TRICALCIUM PHOSPHATE CERAMIC)
L17	1 S L15 AND MP52
L18	27 S HEIDE, HELMUT/AU
L19	1 S L18 AND (TRICALCIUM PHOSPHATE CERAMIC)

L5 ANSWER 4 OF 14 CAPLUS COPYRIGHT 2000 ACS
AB Through biocompatibility studying of .beta.-Ca₃(PO₄)₂ (.beta.-TCP) ceramic, it is proved that the **material** don't causes all over the body or local toxicity response, hemodialysis, inflammation and exclusion response, and mutation, which is benefit for **bone** tissue to rapidly grow into pores of the **material** and integrate with the **material** tightly. The studies of compn., routine physicochem. properties and animal test proved that the **material** has a chem. compn. similar to human **bone**, can induce new **bone** growth, and has a good biodegrdn. The **material** is suitable for repairing and replacing of human **bone**.

=> d 4 bib

L5 ANSWER 4 OF 14 CAPLUS COPYRIGHT 2000 ACS
AN 1996:257009 CAPLUS
DN 125:96016
TI Biological properties of degradable .beta.-Ca₃(PO₄)₂ ceramic
AU Yan, Yuhua; Xu, Yuan; Dai, Honglian; Huo, Jianhua
CS Biomedical and Engineering Centre, WUT, Wuhan, 430070, Peop. Rep. China
SO Wuhan Gongye Daxue Xuebao (1995), 17(4), 116-19, 127
CODEN: WGDXYE; ISSN: 1000-2405
DT Journal
LA Chinese

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Database: [US Patents Full-Text Database](#)

536/23.1.ccls. and MP52

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USPT	424/422.ccls. and (tricalcium adj phosphate adj ceramic)	2	L14
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USPT	Pohl-Jens.in.	1	L2
USPT	Paulista-michael.in.	0	L1